LISTING OF CLAIMS

1.   (currently amended) A system for providing enhanced functionality for handling each event of at least one event received <u>at the application display area of</u> ~~by~~ a window object having a plurality of window controls comprising:

a plurality of control enhancer objects, each providing an interface to [[a]] one specific <u>window application</u> control for said window object and being customized with specific behaviors from a plurality of base classes and subclasses; and

a list of said control enhancer objects for said window object, whereby said window object passes an event <u>received at the application display area</u> to all of said control enhancer objects on said list and wherein said control enhancer objects determine which of said plurality of control enhancer objects should handle the received event.

2.   (previously presented) The system of Claim 1 wherein each of said plurality of control enhancer objects is customized with at least one data storage handler.

3.   (previously presented) The system of Claim 1 wherein each of said plurality of control enhancer objects is customized with at least one data initializer.

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4.   (previously presented) The system of Claim 1 wherein each of said plurality of control enhancer objects is customized with at least one data finalizer.

5.   (previously presented) The system of Claim 1 wherein a first one of said window controls is related to at least one second of said window controls, said control enhancer object for said first window control further comprising at least one pointer to the control enhancer object for said second window control; at least one means for determining if an action at said control enhancer object for said first window control affects said control enhancer object for said second window control; and means for communicating with said control enhancer object for said second window control.

6.   (previously presented) The system of Claim 1 wherein at least one of said control enhancer objects further comprises means for determining limits to be placed on data related to said control enhancer object.

7.   (previously presented) The system of Claim 4 wherein at least one of said control enhancer objects further comprises means for validating data at said data finalizer.

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8.   (previously presented) The system of Claim 1 wherein at least one of said control enhancer objects further comprises means for identifying data related to the window control of said at least one control enhancer object.

9.   (currently amended) A system for providing enhanced functionality for handling each event of at least one event received by a window object <u>in an application display area of the window, said window object</u> having a plurality of window controls comprising:

a plurality of base classes and subclasses representing discrete behaviors;

a plurality of control enhancer objects, each providing an interface to a one specific <u>window application</u> control for said window object, each of said control enhancer objects being customized with at least one of a plurality of specific behaviors using said plurality of base classes and subclasses comprising at least one data storage handler, at least one data initializer; and at least one data finalizer; and

a list of said control enhancer objects for said window object, whereby said window object passes an event <u>received at the application display area</u> to all of said control enhancer objects on said list and wherein said control enhancer objects determine which of said plurality of control enhancer objects should handle the received event.

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10. (previously presented) The system of Claim 9 wherein a first one of said window controls is related to at least one second of said window controls, said control enhancer object for said first window control further comprising at least one pointer to the control enhancer object for said second window control; at least one means for determining if an action at said control enhancer object for said first window control affects said control enhancer object for said second window control; and means for communicating with said control enhancer object for said second window control.

11. (previously presented) The system of Claim 9 wherein at least one of said control enhancer objects further comprises means for determining limits to be placed on data related to said control enhancer object.

12. (previously presented) The system of Claim 9 wherein at least one of said control enhancer objects further comprises means for validating data at said data finalizer.

13. (previously presented) The system of Claim 9 wherein at least one of said control enhancer objects further comprises means for identifying data related to the window control of said at least one control enhancer object.

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14.   (currently amended) A method for providing enhanced functionality of window controls in response to at least one event received at <u>the application display area of</u> said window, said window comprising a plurality of control enhancer objects <u>each providing an interface to a one specific window application control for said window object,</u> comprising the steps of:

receiving an event at <u>the application display area of</u> said window;

locating at least one interested control enhancer object for said event from said plurality of control enhancer objects;

passing said event to said at least one interested control enhancer object; and

handling said event at said at least one interested control enhancer object.

15.   (previously presented) The method of Claim 14 wherein said window comprises a control enhancer object list of events affecting each of said listed control enhancer objects and wherein said locating comprises:

accessing said list of events;

comparing said received event to said list of events; and

determining interested control enhancer objects based on said comparing.

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16.   (original) The method of Claim 14 wherein said window controls have relationships and wherein said received event is a display event further comprising the steps of:

determining if said display event affects at least one of said relationships;

evaluating whether at least one rule for said at least one relationship is true; and

executing at least one action if said at least one rule is true.

17.   (currently amended) A method for rapid graphical user interface development for providing an enhanced control for event handling on a window comprising the steps of:

creating a plurality of base classes and subclasses for discrete behaviors;

creating ~~a~~ at least one window application control ~~on~~ for said window;

instantiating a control enhancer object as an interface to said window for said control;

customizing said control enhancer object by associating selected behaviors to it using said plurality of classes and subclasses; and

passing a pointer for said control to said control enhancer.

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18.   (previously presented) The method of Claim 17 wherein said associating comprises the steps of:

determining if special data handling is required; and

instantiating at least one data handler if special handling is required; and

assigning said data handler to said control enhancer object.

19.   (previously presented) The method of Claim 17 wherein said associating comprises the steps of:

determining if special initialization is required;

instantiating at least one data initializer if special initialization is required; and

assigning said at least one data initializer to said control enhancer object.

20.   (previously presented) The method of Claim 18 wherein said associating comprises the steps of:

determining if special initialization is required;

instantiating at least one data initializer if special initialization is required; and

assigning said at least one data initializer to said control enhancer object.

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21.   (previously presented) The method of Claim 17 wherein said associating comprises the steps of:

determining if special data finalization is required;

instantiating at least one data finalizer if special finalization is required; and

assigning said at least one data finalizer to said control enhancer object.

22.   (previously presented) The method of Claim 18 wherein said associating comprises the steps of:

determining if special data finalization is required;

instantiating at least one data finalizer if special finalization is required; and

assigning said at least one data finalizer to said control enhancer object.

23.   (previously presented) The method of Claim 19 wherein said associating comprises the steps of:

determining if special data finalization is required;

instantiating at least one data finalizer if special finalization is required; and

assigning said at least one data finalizer to said control enhancer object.

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24.   (previously presented) The method of Claim 20 wherein said associating comprises the steps of:

determining if special data finalization is required;

instantiating at least one data finalizer if special finalization is required; and

assigning said at least one data finalizer to said control enhancer object.

25.   (previously presented) The method of Claim 17 wherein said associating comprises the steps of:

determining if said control has at least one relationship with at least one other control on said window;

instantiating said at least one relationship;

assigning said at least one relationship to said control enhancer object; and

passing a pointer to each of said at least one other control.

26.   (original) The method of Claim 25 further comprising:

instantiating at least one rule for said at least one relationship; and

assigning said at least one rule to said at least one relationship.

27.   (original) The method of Claim 26 further comprising:

instantiating at least one action for said at least one

rule; and

assigning said at least one action to said at least one

rule.

28.   (currently amended) A system for rapid graphical user

interface development for providing enhanced control for event

handling on a window comprising:

class means for creating a plurality of base classes and

subclasses for discrete behaviors;

control enhancer creation means for instantiating a control

enhancer object as an interface to said window for ~~said~~ <u>a window</u>

<u>application</u> control; and

control enhancer customizing means for customizing said

control enhancer object by associating selected behaviors to it

using said plurality of classes and subclasses.

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